

## ABSTRACT OF THE DISCLOSURE

A method for processing a preform supported with a stationary chuck and a movable chuck of a glass-working lathe comprises providing a burner of a type which is able to create flame-controlled conditions by controlling flow rates of a flammable gas and a supporting gas wherein the supporting gas is discharged from at least one group of discharge pipes co-axially classified into plural groups that are, respectively, controllable with respect to a gas flow rate. The preform is processed under the flame-controlled conditions. A burner system and a preform processing apparatus comprising the burner system, both suited for realizing the method, are also described.